

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor: Shek Fai Lau et al.

Appl. No.: 10/661,988

Confirm. No.: 9331

Filed: September 12, 2003

Title: Ion Emitting Air-Conditioning Devices with Electrode Cleaning Features

PATENT APPLICATION

Art Unit: 1753

Examiner: Unknown

Docket No. SHPR-01361USE

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the date shown below.

By: Linda Saunders
Linda Saunders

Dated: November 5, 2004

**SECOND INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.56**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with MPEP §609.
- The present application is being/was filed after June 30, 2003. In accordance with the pre-Official Gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at pac/dapp/opla/preognnotice/idswouscopies.htm, copies of cited U.S. patents and publications are not enclosed. Copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR §1.98(a)(2), as still required.
- The present application was filed prior to June 30, 2003. A copy of each cited document as required by 37 CFR §1.98 is enclosed.

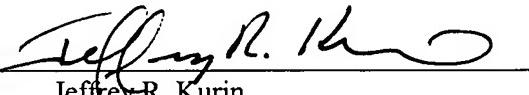
This statement should be considered because:

- 37 CFR §1.97(b). This statement qualifies under 37 CFR §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under §1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 CFR §1.114.

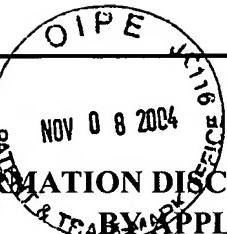
X **Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 06-1325.

Respectfully submitted,

By: 
Jeffrey R. Kurin
Reg. No. 41,132

Date: November 5, 2004

Customer No. 23910
Fliesler Meyer LLP
4 Embarcadero Center, Fourth Floor
San Francisco, California 94111
415/362-3800 Telephone
415/362-2928 Facsimile

INFORMATION DISCLOSURE CITATION
BY APPLICANT

Applicant

Shek Fai Lau et al.

Filing Date
September 12, 2003Group Art Unit
1753

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	Name	Class	Subclass	Filing Date
		653,421 A	7/10/1900	Lorey			8/22/1899
		995,958 A	6/20/1911	Goldberg			2/10/1911
		3,374,941 A	3/26/1968	Okress			6/30/64
		4,102,654 A	7/25/1978	Pellin			7/26/1977
		4,955,991 A	9/11/1990	Torok et al.			9/26/1988
.		4,967,119 A	10/10/1990	Torok et al.			5/27/1988
		4,976,752 A	12/11/1990	Torok et al.			4/10/1990
		D315,598 S	3/19/1991	Yamamoto et al.			7/12/1989
		5,006,761 A	4/9/1991	Torok et al.			5/27/1988
		5,012,093 A	4/30/1991	Shimizu			8/28/1989
		5,012,159 A	4/30/1991	Torok et al.			11/15/1989
		5,053,912 A	10/1/1991	Loreth et al.			10/1/1991
		5,077,500 A	12/31/1991	Torok et al.			8/7/1989
		D329,284 S	9/8/1992	Patton			4/15/1991
		D332,655 S	1/19/1993	Lytle et al.			10/4/1991
		5,180,404 A	1/19/1993	Loreth et al.			6/10/1991
		5,248,324 A	9/28/1993	Hara			2/18/992
		5,266,004 A	11/30/1993	Tsumurai et al.			11/30/1993
.		5,290,343 A	3/1/1994	Morita et al.			7/10/1992
		5,435,817 A	7/25/1995	Davis et al.			5/20/1994
		5,532,798 A	7/2/1996	Nakagami et al.			7/2/1996
		D375,546 S	11/12/1996	Lee			12/27/1995
		D377,523 S	1/21/1997	Marvin et al.			8/15/1995
		5,641,342 A	06/24/1997	Smith et al.			12/26/1995
		D389,567 S	1/20/1998	Gudefin			11/14/1996
		5,766,318 A	6/16/1998	Loreth et al.			8/12/1996
		5,980,614 A	11/9/1999	Loreth et al.			2/10/1997
		5,993,521 A	11/30/1999	Loreth et al.			6/6/1997

FORM PTO-1449
(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

SHPR-01361USE

Serial No.

10/661,988

**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

Applicant

Shek Fai Lau et al.

Filing Date

September 12, 2003

Group Art Unit

1753

		6,117,216 A	9/12/2000	Loreth			2/27/1998
		6,203,600 B1	3/20/2001	Loreth			12/1/1998
		6,398,852 B1	6/4/2002	Loreth			10/12/1999
		6,494,940 B1	12/17/2002	Hak			9/29/2000
		6,508,982 B1	1/21/2003	Shoji			12/22/1998
		6,603,268 B2	8/5/2003	Lee			12/22/2000
		6,613,277 B1	9/2/2003	Monagan			6/18/1999

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
		2002/0190658 A1	12/19/2002	Lee
		2002/0195951 A1	12/26/2002	Lee
		2004/0052700 A1	3/18/2004	Kotlyar et al.
		2004/0065202 A1	4/8/2004	Gatchell et al.

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	Inventor	Petition to Expunge	
					Yes	No
1.		60/104,573	10/16/1998	Krichtafovitch		X

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Translation	
					Yes	No
2.		WO92/05875 A1	4/16/1992	International	✓	
3.		WO96/04703 A1	2/15/1996	International	✓	
4.		WO99/07474 A1	2/18/1999	International	✓	
5.		WO03/009944 A1	2/6/2003	International	✓	
6.		WO03/013620 A1	2/20/2003	International	✓	
7.		WO03/013734 A1	2/20/2003	International	✓	
8.		EP 0332624 B1	1/2/1992	Europe	✓	
9.		CN 2111112 U	7/29/1972	China	✓	
10.		CN 2138764 Y	6/27/1993	China	✓	
11.		CN 2153231 Y	12/18/1993	China	✓	
12.		CN 87210843 U	7/6/1988	China	✓	
13.		DE 2206057	8/16/1973	Germany	✓	

FORM PTO-1449
(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number
SHPR-01361USE

Serial No.
10/661,988

**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

Applicant
Shek Fai Lau et al.

Filing Date
September 12, 2003

Group Art Unit
1753

14.	GB 643,363	9/20/1950	Great Britain	✓	
15.	JP S51-90077	8/6/1976	Japan	✓	
16.	JP S62-20653	2/7/1987	Japan	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

17.	Trion Console 250 Electronic Air Cleaner, Model Series 442857 and 445600, Manual for Installation·Operation·Maintenance, Trion Inc., 7 pp., believed to be at least one year prior to Nov. 5, 1998
18.	Trion 350 Air Purifier, Model 450111-010, http://www.feddersoutlet.com/trion350.html , 12 pp., believed to be at least one year prior to Nov. 5, 1998
19.	Trion 150 Air Purifier, Model 45000-002, http://www.feddersoutlet.com/trion150.html , 11 pp., believed to be at least one year prior to Nov. 5, 1998
20.	Trion 120 Air Purifier, Model 442501-025, http://www.feddersoutled.com/trion120.html , 16 pp., believed to be at least one year prior to Nov. 5, 1998
21.	Friedrich C-90A Electronic Air Cleaner, Service Information, Friedrich Air Conditioning Co., 12 pp., 1985
22.	LakeAir Excel and Maxum Portable Electronic Air Cleaners, Operating and Service Manual, LakeAir International, Inc., 11 pp., 1971
23.	Blueair AV 402 Air Purifier, http://www.air-purifiers-usa.biz/Blueair_AV402.htm , 4 pp., 1996
24.	Blueair AV 501 Air Purifier, http://www.air-purifiers-usa.biz/Blueair_AV501.htm , 15 pp., 1997

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NonAsterisked Items: Copies not submitted because they were submitted in prior application , filed , and relied upon under 35 USC §120.